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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/702,456

11/07/2003

Yan Wu

060707-1640

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24504 7590 06/16/2008  
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EXAMINER

CHO, HONG SOL

ART UNIT

PAPER NUMBER

2619

MAIL DATE

DELIVERY MODE

06/16/2008

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

**Supplemental  
Notice of Allowability**

**Application No.**

10/702,456

**Examiner**

HONG CHO

**Applicant(s)**

WU ET AL.

**Art Unit**

2619

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to IDS filed on 1/16/2008.
2. ☒ The allowed claim(s) is/are 1-22,24-37 and 39-56 (renumbered 1-54).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- \* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |  |  |
|--|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)   | 5. <input type="checkbox"/> Notice of Informal Patent Application                      |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                               | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                    |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material         | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance              |
|  | 9. <input type="checkbox"/> Other _____.   |

### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Anthony Bonner on 6/3/2008.

The application has been amended as follows:

Claims 19, 34 and 53 have been changed as follows and claims 23, 38 and 57 have been cancelled.

19. (Currently Amended) A method for communicating one or more asynchronous transfer mode (ATM) cells from a transmitting device to a receiving device, the method comprising: receiving, at the receiving device, a first reduced ATM cell having a reduced header from the transmitting device, the reduced header including index data; identifying a first entry of a first header table using the index data, the first header table being maintained by the receiving device and having a plurality of entries storing header data; and replacing the reduced header of the first reduced ATM cell with header data stored at the first entry of the first header table to generate an unreduced ATM cell[.]; receiving, at the receiving device, a second ATM cell, the second ATM

cell having data representative of at least part of a table of one or more headers; and  
updating one or more entries of header table based at least in part on the data  
representative of at least part of the table of one or more headers.

34. (Currently Amended) A receiving device for receiving one or more asynchronous transfer mode (ATM) cells from a transmitting device via a network, the receiving device comprising: means for receiving a reduced ATM cell having a reduced header, the reduced header including index data; a header table having a plurality of entries for storing header data; a decompression module operably connected to the means for receiving the reduced ATM cell and having access to the header table, the decompression module adapted to: identify a first entry of the header table using the index data from the reduced header, the first entry storing header data; and replace the reduced header of the first reduced ATM cell with the header data stored by the first entry to generate an unreduced ATM cell[.]; means for receiving a second ATM cell, the second ATM cell including data representative of at least part of a table of one or more headers and wherein the decompression module is further adapted to update one or more entries of the header table based at least in part on the data representative of at least part of the table of one or more headers.

53. (Currently Amended) A computer readable medium for enabling communicating one or more asynchronous transfer mode (ATM) cells from a transmitting device to a receiving device, the computer readable medium storing a plurality of executable instructions adapted to manipulate a processor to: receive, at the receiving device, a first reduced ATM cell having a reduced header from the transmitting

device, the reduced header including index data; identify a first entry of a first header table using the index data, the first header table being maintained by the receiving device and having a plurality of entries storing header data; and replace the reduced header of the first reduced ATM cell with header data stored at the first entry of the first header table to generate an unreduced ATM cell[.]; receive, at the receiving device, a second ATM cell, the second ATM cell having data representative of at least part of a table of one or more headers; and update one or more entries of header table based at least in part on the data representative of at least part of the table of one or more headers.

23. (Cancelled)

38. (Cancelled)

57. (Cancelled)

### ***Reasons for Allowance***

2. Claims 1-22, 24-37 and 39-56 are allowed.

### ***Conclusion***

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hong Cho whose telephone number is 571-272-3087. The examiner can normally be reached on Mon-Fri during 7 am to 4 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wing Chan can be reached on 571-272-7493. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Wing F. Chan/  
Supervisory Patent Examiner, Art Unit 2619  
6/6/08  
/Hong Cho/

Hong Cho  
Patent Examiner  
6/5/2008